

The program of and major in Information Technology addresses the technology and processes used by a variety of organizations. Students choose a foundation concentration to further develop their skills in a specialized area.

RECOMMENDED FOUR-YEAR PLAN

First Year

<i>First Semester • 15 -16 Credit Hours</i>	<i>Second Semester • 16 - 17 Credit Hours</i>
ENG 111 English Composition (3)	CIT 214 Database Design & Development (3)
CIT 167 IT People and Practices (2)	CIT 268 Human Computer Interaction (3)
CIT 168 IT Tools & Techniques for Orgs (4)	CSE 163 Intro to Computer Concepts & Programming (3)
STA 261 Statistics (4) or STA 301 Applied Statistics (3)	MTH 125 Precalculus (5) or MTH 141 Business Calculus (4)
STC 135 Principles of Public Speaking (3) or STC 136 Intro to Interpersonal Communication (3)	MPF IIA Creative Arts (3)

Freshmen taking CIT 167 do not need UNV 101 their first semester.

Second Year

<i>First Semester • 15 Credit Hours</i>	<i>Second Semester • 15 Credit Hours</i>
CIT 205 Agile Launchpad I (3)	CIT 225 Fund of DevOps (ICAgile) (3)
CIT 258 Intro to Global Cybersecurity (3)	CIT 262 Tech, Ethics & Global Society (3)
CIT 273 Web Application Development (3)	MAJOR IT Foundation Concentration (3)
MAJOR IT Foundation Concentration (3)	EGS/BIS 305 Integrative Writing in Global Contexts (3) or EGS 215 Workplace Writing (3)*
MAJOR IT Technical Elective (3)	MPT Thematic Sequence (3)

Third Year

<i>First Semester • 15-16 Credit Hours</i>	<i>Second Semester • 15 Credit Hours</i>
CIT 348 Info. Management & Retrieval (3)	CIT 357 Current Practices in IT (3)
MAJOR IT Foundation Concentration (3)	CIT 376 IT Assurance & Security/IT for Organizations (3)
EGS 215 Workplace Writing (3) or ENG 313 Technical Writing (3)*	MAJOR IT Foundation Concentration (3)
MPF IV Natural Science (3-4)	MPF IIB Humanities or MPF IIC Social Science (based on CIT 262 placement) (3)
ELECTIVE Elective (3)	MPT Thematic Sequence (3)

Fourth Year

<i>First Semester • 15 - 16 Credit Hours</i>	<i>Second Semester • 16 Credit Hours</i>
CIT 448 Global Strategic Issues in IT (3)	CIT 458 IT Project Life Cycle II (4)
CIT 457 IT Project Lifecycle I (3)	MPF III Global Perspectives (3)
MPF III Global Perspectives (3)	MPT Thematic Sequence (3)
MPF IV Natural Science (3-4)	MP-IP Intercultural Perspectives** or ELECTIVE Elective (3)
MPT Thematic Sequence (3)	ELECTIVE Technical Elective (3)

***ENG 313** must be taken if **EGS 215** has already been completed

If **EGS/BIS 305 was not selected, you must take an Intercultural Perspective

This planning sheet does not guarantee offer of classes in any given semester; please consult with an Advisor to schedule your classes appropriately. Your degree audit is your official program record.

CAREER OPTIONS

Information Technology professionals apply their skills and knowledge to provide technological solutions for those using systems to produce, store, retrieve, analyze and send information. The BSIT program provides a broad foundation of knowledge in IT problem solving as well as a concentration of the student's choosing. Concentration areas include network administration, software development, agile practices, or a self-designed concentration with departmental approval. Graduates can pursue a wide variety of careers ranging from but not limited to:

- IT Business Analyst
- IT Infrastructure Support Specialist
- Software Support Specialist
- IT Consultant Technical Project Manager
- Agile Project Owner
- Network Administrator

GRADUATION REQUIREMENTS

Students must earn a minimum of 124 credit hours, achieve an overall GPA of 2.0 and a 2.0 in Information Technology major courses in order to qualify for graduation. Students should consult with their degree audit and advisor to ensure that all degree requirements are met prior to graduation.

<http://bulletin.miamioh.edu/liberal-arts-applied-science/information-technology-bs/>

ELECTIVE COURSEWORK

This major has several elective courses. Electives provide an opportunity to explore other disciplines or interest areas. To make the most of your electives consider completing:

- A Minor
- An Internship
- Study Abroad
- A Co-Major or Second Major
- A Service Learning Experience
- A Career Related Experience

CONTACT INFORMATION

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ABBREVIATION KEY

MP-EL = Experiential Learning

MPF I = English Composition

MPF IIC = Social Science

MPF V = Mathematics, Formal Reasoning, Technology

MPT = Thematic Sequence

MP-AW = Advanced Writing

MPF = Global Miami Plan Foundation

MPF IIB = Humanities

MPF IV = Natural Science

MP-IP = Intercultural Perspectives

MPF IIA = Creative Arts

MPF III = Global Perspectives